

# ARY cable suspended

MOVE IT 25

050-051141XF



Project / Type

Notes

Count / Date



## General

Ceiling , Track Suspended

special colours

IP20

1040 lm

## LED

2700 K

CRI  $\geq$  90

L90 / 50000 h

initial MacAdam  $\leq$  3 SDCM

R<sub>g</sub>: 96 , R<sub>f</sub>: 90 , R<sub>(1-15)</sub>: 88

MR 0.55

MDER 0.5

## Optical

flood

beam angle 44°

## Electrical

non DIM

14.1 W

PC3 48V

74 lm/W

## Physical

cable 1500 mm

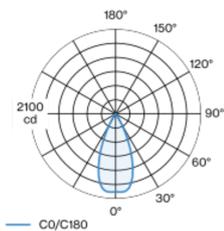
diameter 47 mm

height 110 mm

0.35 kg

Decorative pendant light inset made of aluminium; surface special colours powder coated; light inset can be installed and moved without tools by means of magnetic holders+locking; power supplied via MOVE IT system track profile; hot plug protection; pendant fitting with 1500mm suspension, incl. feed (special colours), can be individually shortened; shades available as accessory in RAL colours velvet beige, madeira brown, kingfisher grey, woodpecker olive, signal white or signal black; accessories are listed separately; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 2700 K; binning initial MacAdam  $\leq$  3 SDCM; CRI  $\geq$  90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; good glare control through recessed light point level; incl. high quality lens system; precise radiation characteristic with 44° beam; degree of protection IP20; PC3 48V; non-dimmable; light source not replaceable;

## Light distribution



flood 44°

| h (m) | EO° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 1930     | 0.82  |
| 2     | 480      | 1.64  |
| 3     | 210      | 2.45  |
| 4     | 120      | 3.27  |
| 5     | 80       | 4.09  |

## Product drawing



## Installation instructions



## Lighting calculator



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## Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF               | 0.98   | 0.97   | 0.96   | 0.95   | 0.94   |
| LSF                | 1      | 1      | 1      | 1      | 1      |

|                  |                              |                   |                                 |
|------------------|------------------------------|-------------------|---------------------------------|
| MF               | LMF × RSMF × LLMF × LSF      | RSMF <sup>a</sup> | Room Surface Maintenance Factor |
| MF               | Maintenance Factor           | LLMF              | Lamp Lumens Maintenance Factor  |
| LMF <sup>a</sup> | Luminaire Maintenance Factor | LSF               | Lamp Survival Faktor            |

<sup>a</sup> According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

## Mounting accessories

### RING TRACK MOUNTED

| COLOUR        | Ø (MM) | ARTICLE NUMBER(S) |
|---------------|--------|-------------------|
| traffic white | 50     | 050-0510117       |
| jet black     | 50     | 050-0510118       |



### RING CEILING MOUNTED

| COLOUR        | Ø (MM) | ARTICLE NUMBER(S) |
|---------------|--------|-------------------|
| traffic white | 50     | 050-0510217       |
| jet black     | 50     | 050-0510218       |



## Optical accessories

### SHADE 300

| COLOUR           | Ø (MM) | ARTICLE NUMBER(S) |
|------------------|--------|-------------------|
| signal black     | 300    | 049-593311B       |
| velvet beige     | 300    | 049-593311C       |
| woodpecker olive | 300    | 049-593311G       |
| kingfisher grey  | 300    | 049-593311L       |
| madeira brown    | 300    | 049-593311T       |
| signal white     | 300    | 049-593311W       |



### SHADE 400

| COLOUR           | Ø (MM) | ARTICLE NUMBER(S) |
|------------------|--------|-------------------|
| signal black     | 400    | 049-593411B       |
| velvet beige     | 400    | 049-593411C       |
| woodpecker olive | 400    | 049-593411G       |
| kingfisher grey  | 400    | 049-593411L       |
| madeira brown    | 400    | 049-593411T       |
| signal white     | 400    | 049-593411W       |



### SHADE 500

| COLOUR           | Ø (MM) | ARTICLE NUMBER(S) |
|------------------|--------|-------------------|
| signal black     | 500    | 049-593511B       |
| velvet beige     | 500    | 049-593511C       |
| woodpecker olive | 500    | 049-593511G       |
| kingfisher grey  | 500    | 049-593511L       |
| madeira brown    | 500    | 049-593511T       |
| signal white     | 500    | 049-593511W       |



[050-051141XF] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.  
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